EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	175457	(series or coupl$5 or connect$7 or interconnect$7 or pair$6 or two or second) near3 (antenna$4 or radioantenna$4 or waveguid$3 or radiowaveguid$6 or ((rf or radio or radiofreq$7 or radiowave) near2 guide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:23
L2	138157	(series or coupl$5 or connect$7 or interconnect$7 or pair$6 or two or second) near3 (radioantenna$4 or radiowaveguid$6 or rf or radio or radiofreq$7 or radiowave or (r adj f))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:24
L3	36332	L1 and L2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:25
L4	42459	(waveguide or guide or radiowaveguide or radioantenna$4 or antenna$6 or microantenna$6) near8 (shield$ or screen$6 or barrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:26
L5	41454	(waveguide or guide or radiowaveguide or radioantenna$4 or antenna$6 or microantenna$6) near8 filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:26
L6	2562	L3 and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:26
L7	4801	L3 and L5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:27
L8	2407	L7 and coupl$4 near2 antenna$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:27
L9	149	L7 and interconnect$7 near2 antenna$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:27
L10	127	L7 and series near2 antenna$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:28
L11	400	L7 and pair$5 near2 antenna$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:28
L12	2529	L7 and connect$6 near2 antenna$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:28
L13	1045	L7 and second adj2 antenna$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:29
L14	248	L7 and second adj2 transce$8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:36

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L15	4	L8 and L9 and L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:29
L16	17	L10 and L11 and L12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:29
L17	37	L9 and L11 and L12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:30
L18	5	L9 and L10 and L12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:30
L19	28	L8 and L9 and L11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:30
L20	63	L8 and L9 and L12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:30
L21	68	L8 and L10 and L12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:30
L22	134	L8 and L11 and L12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:31
L23	909	(L8 or L9 or L10 or L11 or L12) and L13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:31
L24	236	(L8 or L9 or L10 or L11 or L12) and L14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:31
L25	87	L23 and L24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:31
L26	469	(L20 or l21 or l22 or l23 or L24 or L25) and (through or across) near4 (filter$5 or barrier or screen$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:33
L27	120	(L20 or l21 or l22 or l23 or L24 or L25) and transce$6 near4 (filter$5 or barrier or screen$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:33
L28	127	(L20 or l21 or l22 or l23 or L24 or L25) and (through or across) near4 transce$8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:33
L29	31	L26 and L27 and L28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:34

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L30	33	L25 and L26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:34
L31	17	L25 and L27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:34
L32	28	L25 and L28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:34
L33	210	L15 or L16 or l17 or l18 or l19 or L20 or L21 or l29 or l30 or l31 or l32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:35
L34	7	L33 and two adj2 antennae	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:36
L35	109	L33 and two adj2 antennas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:36
L36	123	L33 and second adj2 antenna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:36
L37	205	L33 and (coupl$4 or pair$5 or interconnect$5 or series) near2 antennas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:38
L38	10	L33 and (coupl$4 or pair$5 or interconnect$5 or series) near2 antennae	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:38
L39	10	L33 and (coupl$4 or pair$5 or interconnect$5 or series) near2 antennae	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 14:38
L40	108	L33 and (coupl$4 or pair$5 or interconnect$5 or series) near2 antennas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 14:38
L41	210	L34 or L35 or L36 or L37 or L38 or l39 or l40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 14:39
L42	161	L41 and (rf or radio$9).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 14:39
L43	105	L41 and (shield$6 or screen$7 or barrier or filter$5).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:40
L44	85	L42 and L43	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:40

EAST Search History

L45	38	L44 and (across or through).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:41
L46	39	L44 and (transce$8).ti,ab,clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:41
L47	23	L45 and L46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:43
L48	0	L47 and coupled adj1 antennae	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 14:43
L49	4	L47 and coupled adj1 antennas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 14:51
L50	0	L47 and interconnected adj1 antennas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 14:43
L51	0	L47 and interconnected adj1 antennae	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 14:44
L52	106	(two or second or pair$3 or coupl$4) adj2 (radio$9 or rf) adj2 (transmi$8 or transce$8 or recei$6 or transmi$7) adj2 (waveguides or guides or antennae or antennas or coils or microcoils or microantenna or microantennas)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 14:54
L53	11	L52 and (screen$7 or filter$8 or barrier or shield$6) near3 (across or through)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/06 14:59
L54	2	two adj1 coupled adj1 antennas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 14:59
L55	2	two adj1 coupled adj1 antennae	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 14:59
L56	4	L54 or L55	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:03
L57	1	two adj1 paired adj1 antennas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:05
L58	1	two adj1 paired adj1 antennae	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:06
L59	0	two adj1 interconnected adj1 antennae	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:04

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L60	0	two adj1 interconnected adj1 antennas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:04
L61	1	two adj1 interconnected adj1 transceivers	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:07
L62	1	two adj1 coupled adj1 transceivers	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:08
L63	2	two adj1 paired adj1 transceivers	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:10
L64	89	two adj1 (paired or interconnected or coupled) adj1 (coils or microcoils)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:11
L65	111	two adj1 (paired or interconnected or coupled) adj1 waveguides	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:11
L66	5	two adj1 (paired or interconnected or coupled) adj1 wave adj1 guides	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:11
L67	0	two adj1 (paired or interconnected or coupled) adj1 radiowave adj1 guides	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:11
L68	0	two adj1 (paired or interconnected or coupled) adj1 rf adj1 guides	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:11
L69	0	two adj1 (paired or interconnected or coupled) adj1 rf adj1 waveguides	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:12
L70	0	two adj1 (paired or interconnected or coupled) adj1 radio$9 adj1 waveguides	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:12
L71	205	L64 or l65 or l66 or l67 or l68 or l69 or l70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:13
L72	1	L71 and (trance$9 or radiotransmi$8 or rece$6 or transmi$8) adj2 (through or across) adj2 (screen$5 or radioscreen$6 or filter$7 or barrier or shield$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:19
L73	6	two adj1 (antennas or antennae or microantennas or microantennae or microcoils or coils or windings) adj1 coupled adj1 (across or through)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:24
L74	7	L72 or l73	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:21

EAST Search History

L75	0	two adj3 (antennas or antennae or microantennas or microantennae or microcoils or coils or windings) adj3 coupled adj3 (across or through) adj3 (filter$5 or barrier or screen$7 or shield$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:25
L76	12	(antennas or antennae or microantennas or microantennae or microcoils or coils or windings) adj3 coupled adj3 (across or through) adj3 (filter$5 or barrier or screen$7 or shield$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/02/06 15:25

US-PAT-NO: 3719882

DOCUMENT-IDENTIFIER: US 3719882 A

TITLE: RESONANT CIRCUIT APPARATUS FOR DETECTING ELECTROMAGNETIC CONDUCTIVE BODIES

---------- KWIC ---------

Abstract Text - ABTX (1):
An apparatus for detecting the presence of electromagnetic conductive bodies comprises **two coils which are coupled through** a high gain, high impedance amplifier and tuning capacitor with the other end of each coil going to ground so as to form a tank circuit. The coils are mounted so as to be essentially de-coupled with their axes mutually perpendicular. One of the coils is self resonant with a natural resonant frequency in the audio range. The circuit is tuned to the natural resonant frequency by the tuning capacitor and inductive coupling between the coils improves when the circuit is near an electromagnetic conductive body. A capacitor circuit is employed to detect and measure shift in one or more of the tank circuit parameters including output signal level, frequency and phase.

This is a filter

US-PAT-NO: 4145678

DOCUMENT-IDENTIFIER: US 4145678 A

TITLE: Pickup tube structure with an improved magnetic shield

---------- KWIC ---------

Detailed Description Text - DETX (3):

A circuit for electrically and quantitatively measuring coupling between horizontal and vertical deflection coils in the yoke assembly is shown in FIG. 3. AC current at a frequency within a range from 1 to 16 KHz (e.g., 16 KHz) is supplied from an oscillator 10 to the horizontal deflection coil 2, so that an electromotive force appearing in the vertical deflection coil 3 with its center axis placed perpendicular to that of the horizontal deflection coil 2 is measured by an oscilloscope 12. In other words, by measuring the quantity of the crosstalk from the horizontal deflection coil 2 to the vertical deflection coil 3, the tendency or the amount of geometric image distortion is deduced. If the yoke assembly is arranged in position as intended, the amount of that part of magnetic flux generated by the AC current flow in the horizontal deflection coil 2 which interlinks with the vertical deflection coil 3 will be zero, with the result that no electromotive force would be induced in the vertical deflection coil 3. In the event that the magnetic field generated by the horizontal deflection coil 2 is distorted because of the fact that some part of the magnetic shield is different in permeability from the remainder thereof, the amount of that part of the magnetic flux generated by the horizontal deflection coil 2 which interlinks with the vertical deflection coil may not be zero, depending on the relative position of that particular part of the magnetic shield with respect to the deflection coils. In such a case, the horizontal and vertical deflection **coils are coupled to each other through the magnetic shield,** thereby causing a geometrical image distortion proportionate to the degree of the coupling between the coils 2 and 3.